GABRIL'YAN, R.A.

Granulometric characteristics of sands and limestones in Cretaceous sediments of the Kyzyl Kum. Vop.geol.Uzb. no.2:68-75 '61. (MIRA 15:12)

(Kyzyl Kum—Sand) (Kyzyl Kum—Limestone)

GABRIL'YAN, R.A.

Typomorphic variations of zircon, rutile, tourmaline, and staurolite in Cretaceous sediments of the western subsidence of the Nura-Tau. Vop. geol. Uzb. no.3:121-127 '62.
(MIRA 16:6)

(Nura-Tau--Mineralogy)

GABRIL'YAN, R.A.

Basic characteristics of paleogeographic conditions governing the accumulation of Cretaceous sediments in the Kyzyl Kum. Uzb. geol.zhur. 7 no.5:40-51 '63. (MIRA 17:3)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy AN UzSSR.

GABRIOLAVICHUS, V. I.

GABRIOLAVICHUS, V. I. —"Effect of Mesatone on the Functions of Certain Systems of Horses and Dogs."*(Dissertation for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Acad Sci Lithuanian SSR, Inst of Biology, Kaunas, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 55

* For Degree of Candidate in Veterinary Sciences

GABRIOLAVICHUS, V.I. [Gabriolavicius, V.I.], kand.vet. nauk.

Use of mesaton in veterinary practice. Veterinariia 35 no.10:60-62 O '58. (MIRA 11:10)

1.Litovskaya veterinarnaya akademiya.
(Phenylephrine) (Veterinary materia medica and pharmacy)

GAB[illegible]OLAVICHUS, V. I., (Assistant Porfessor of Lithuanian Vet rinary Academy)

Exmination of blood and exudate in traumatic [illegible]

Veterinariya vol. 38, no. 7, July 1961 p. 47.

GABRIOLAVICHUS, V.I.[Gabriolavicius, V.], dotsent

Investigation of the blood and exudate in traumatic reticuloperitonitis. Veterinariia 38 no.7:67-68 Jl '61. (MIRA 16:8)

1. Litovskaya veterinarnaya akademiya.
(Peritonitis)
(Lithuania--Cattle--Diseases and pests)

GABRIOLAVICHUS, V.I. [Gabriolavicius, V.]; CHEPULIS, I.I. [Cepulis, F.]

Percussion of the ventral part of the abdominal wall in traumatic reticuloperitonitis. Veterinariia 39 no.1:49-51 Ja '63.
(MIRA 16:6)
(Peritonitis) (Percussion) (Lithuania--Cattle--Diseases and pests)

GABRIOLAVICHUS, V.I. [Gabriolavicius, V.], dotsent

Examination of the pharynx and the larynx in cattle by using a spatula. Veterinariia 40 no.7:54-55 Jl '63. (MIRA 16:8)

1. Litovskaya veterinarnaya akademiya.
(Spatula) (Veterinary instruments and apparatus)

GABRIOLAVICHUS, V.I. [Gabriolavicius, V.], dotsent

Obtaining sputum from the lungs of cattle. Veterinariia 41 no.7:67-69 Jl '64. (MIRA 18:11)

1. Litovskaya veterinarnaya akademiya.

L 34837-65
ACCESSION NR: AP5008537 S/0286/65/000/006/0048/0048

AUTHOR: Gabriolavichus, V. I.

TITLE: A device for forcing solutions into the respiratory passages of large animals such as cattle. Class 30, No. 169204

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 6, 1965, 48

TOPIC TAGS: respiratory system, veterinary medicine

ABSTRACT: The Author's Certificate introduces a device for forcing solutions into the respiratory passages of large animals such as cattle. The unit contains an elastic tube, a hermetically sealed vessel and forced-air pump. Medicinal and diagnostic solutions are forced into the respiratory passages of the animal in vaporized form by using a double-walled tube with an air gap between the walls and by mounting an atomizer on the end of the tube which is introduced into the trachea.

ASSOCIATION: none

SUBMITTED: 28Feb63 ENCL: 01 SUB CODE: LS

NO REF SOV: 000 OTHER: 000

Card 1/1

GABRIS, F.

Universal rotary voltmeter for measurements up to 300 kv. p. 182.

ELEKTROTECHNICKY CASOPIS. (Slovenska akademia vied) Bratislava, Czechoslovakia, vol. 10, no. 3, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959 Uncl.

GABRIS, Frantisek, inz.

Measurement of voltage distribution on insulator chains by the current method. El tech obzor 51 no.7:342-345 Jl '62.

1. Katedra energetiky, Slovenska vysoka skola technicka, Bratislava.

GABRIS, JURAJ.

Vyber domacich zvierat na chov a plemeno. Bratislave, Statne podohospodarske nakl., 1954. 331 p. (Zivocisna vyroba, no. 10)
/Selection of domestic animals for breeding/
DA Not in DLC

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

GABRIS, Juraj

Q-3

CZECHOSLOVAKIA/Farm Animals - Cattle.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30941

Author : Chomkovic Grigorij, Gabris Juraj
Inst : -
Title : The Study of the Body Forms of the Pinzgau Cattle in the District of Dolny Kubin by the Biometric Method. Part I. The Study of the Adult Cattle.
(Issledovaniye form tela pintsgauskogo skota v rayone Dol'nyy Kubin biometricheskim metodom. Ch.I. Issledovaniye vzroslogo skota).

Orig Pub : Polnohospodarstvo, 1957, 4, No 3, 443-493.

Abstract : The results of the measurements of 1,480 cows, 64 oxen, and 5 bulls, are given. On the basis of statistical processing of numerical data, the following average indexes were obtained (in cm.): for cows 6-12 years old - height at the withers 120.09 (103-137); length of the body 144.91 (125-174); circumference of the shin

Card 1/2

GABRIS, J.

CZECHOSLOVAKIA/Farm Animals - Cattl.. Q-2

Abs Jour : Ref Zhur - Biol., No 1, 1959, 2654

Author : Gabris, J., Chomkovic, G.
Inst :
Title : Studies in the Body Forms of Pinzgau Cattle in the Dolny Kubin Region (Czechoslovakia) by the Biometric Method. Part II. The Growth of Young Stock.

Orig Pub : Polnohospodarstvo, 1957, 3, No 5, 907-960.

Abstract : Biometric processing of the results of the measurements of 732 heifers (H) aged up to 3 years and 443 bull calves (B) showed: at poor nutrition, their growth lag is not compensated with age; at the age of 2-4 months, the development of B was less intensive than that of H; at the age of 6-12 months, it was more intensive and then it slowed down again; and at the age of 18 months to 2 years it was much more intensive; the development of H

Card 1/2

GABRIS, Juraj, dr. inz. CSc.

Changes in the proportions and body chemical composition of white thoroughbred pigs during their growth. Veter medicina 9 no. 2: 131-140 Mr '64.

1. Higher School of Agriculture, Faculty of Veterinary Medicine, Chair of General and Special Zootechny, Kosice. Head of the Chair: [assistent professor, dr. inz. CSc.] Juraj Gabris.

GABRIS, Pal (Budapest). Szeredai, Otto (Budapest); GERGER, Imre (Budapest)

Forum of innovators. Ujit. lap 17 no.6:30 30 Mr '65.

6

C.A.

GABRIS, Tibor

Studies in silicochemistry and their practical applications. Tibor Gabris. *Magyar Tech.* 3, No. 12, 87-91 [illegible]. István Finaly. A review.

SHNEYDER, A.D.; GABRISHCHAK, I.V.

Structure and properties of the system HgTe--CdTe. Fiz. tver. tela 2 no.9:2079-2081 S '60. (MIRA 13:10)

1. L'vovskiy gosudarstvennyy pedagogicheskiy institut.
(Mercury telluride) (Cadmium telluride)

ILARIONOV, V.A., kand.tekhn.nauk; GABRIYAL, R.Sh.

Side skid testing of motor vehicles. Avt.prom. 29 no.12:19-21 D '63. (MIRA 17:4)

1. Moskovskiy avtodorozhnyy institut.

GABRIYANIK, M.A. (Moskva)

Treatment of Addison's diseases. Klin.med. 36 no.10:54-60 O '58
(MIRA 11:11)

1. Iz propedevticheskoy terapevticheskoy kliniki (dir. deyatvitel'nyy chelen AMN SSSR prof. V.kh. Vasilenko) I Moskovskogo ordena Lenina Meditsinskogo instituta imeni I.M. Sechenova.
(ADDISON'S DISEASES, ther.
(Rus))

GABRIYANIK, M.A. (Moskva)

Some features of the course of peptic ulcer in women. Klin.med. 37 no.10:62-67 O '59. (MIRA 13:2)

1. Iz kliniki propedevticheskoy terapii (direktor - deystvitel'nyy chlen AMN SSSR prof. V.Kh. Vasilenko) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(PEPTIC ULCER)

USSR/Engineering Jun 49
Boilers

"First Operational Results of the 'KRSh' Boiler System," A. I. Gabriyelev, Engr, M. A. Lur'yev, N. S. Rassudov, Cand Tech Sci, 6 1/3 pp

"Za Ekom Top" No 6

Describes the Kurochko, Rassudov, Shafran (KRSh) boiler system with an output of 2 tons per hour at a pressure of 20 atm. It is simple in construction, and economical in operation.

58/49T52

LIBERMAN, Grigoriy Romanovich; GABRIYELYAN, A.I., red.; TEL'NOV, N.V., red. izd-va; KHENOKH, F.M., tekhn. red.

[Prevention of the breakdown and malfunction of boiler equipment] Preduprezhdenie avarii i nepoladok kotel'nogo oborudovaniia. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1962. 214 p. (MIRA 15:9)

(Boilers—Maintenance and repair)

GABRIYELOV, Kh., inzhener.

Multiple stope mining in preparatory work. Mast.ugl.3 no.10: 6-7 O '54. (MLRA 7:12)
(Coal mines and mining)

GAB'IYELOV, KH. L.

305 Podgotovka Vyemochnykh Uchastkov Po Plastu "Novyy" V Karaganduinskom Bassayne. M., 1954. 93s S Ill., 1 L. Shem. 22 SM. (M-vo Ugol'noy Prom-sti Sssr. Tekhn. Upr. Tsentr. In-t Tekhn. Informatsii). 3,000 EKZ. Besp1. (54-54723 P.

662.333:622.36

SO: Knizhnaya, Letopis, Vol. 1, 1955

GABRIYELOV, Khachatur Bogdanovich; GORITSKIY, A.V., otvetstvennyy redaktor; SAVIN, M.M., redaktor izdatel'stva; KOROVENKOVA, Z.A., tekhnicheskiy redaktor

[Speedy driving of horizontal and inclined tunnels in the Karaganda Coal Basin] Skorostnoe provedenie gorizontal'nykh i naklonnykh gornykh vyrabotok v Karagandinskom ugol'nom basseine. Moskva, Ugletekhizdat, 1956. 66 p. (MLRA 10:1)
(Karaganda Basin--Coal mines and mining)

GABRIYELOV, Kh.B., Cand Tech Sci -- (diss) "Perfection [illegible] methods of [illegible] strata in the Karagandinskiy Basin." Alma-Ata, 1958, 19 pp with graphs; 2 sheets of drawings (Min of Higher Education USSR. Kazakhskiy Mining Metalurgical Inst) 120 copies. List of author's works, pp 18-19 (10 titles) (KL, 28-58, 105)

GABRIYELOV, Kh.B.

Field preparation of Karaganda Basin coal seams. Nauch. trudy KNIUI no.2:3-27 '58. (MIRA 13:8)
(Karaganda Basin--Coal mines and mining)

GABRIYELOV, Kh.; SERBO, O.

Advantages of hard headings. Mast. ugl. 7 no.10:15 O '58 (MIRA 11:11)

Karagandinskiy nauchno-issledovatel'skiy ugol'nyy institut.
(Coal mines and mining)

GABRIYELOV, Kh.B., gornyy inzh.; BEVZIK, Yu.Ya., gornyy inzh.

Efficient use of filling development openings in Karaganda Basin conditions. Ugol' 33 no.11:12-18 N '58. (MIRA 11:11)
(Karaganda Basin--Mine filling)

GABRIYELOV, Kh.B., kand.tekhn.nauk

Improving the methods of seam development in the Karaganda Basin. Izv. vys. ucheb. zav.; gor. zhur. no.10:50-52 '60. (MIRA 13:11)
(Karaganda Basin--Coal mines and mining)

GABRIELOV, L.B.; PENTKOVSKAYA, V.V.; IL'INA, I.V., red.; SERBIN, Ye.M., tekhn. red.

[Postwar struggle of the CPSU for the reconstruction and development of the national economy; from 1945 to 1953, documents and materials] Bor'ba KPSS za vosstanovlenie i razvitie narodnogo khoziaistva v poslevoennyi period, 1945-1953 gody; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1961. 402 p. (MIRA 14:9)
(Russia—Economic conditions)

S/137/63/000/002/005/034
A006/A101

AUTHORS: Gabriyelova, L. I., Livshits, A. K.

TITLE: Industrial production of PANG flocculant and its use in dehydrating processes

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1963, 7 - 8, abstract 2G45 ("Sb. tr. n.-i. in-t tsvetn. met.", 1962, no. 19, 279 - 288)

TEXT: The PANG flocculant can be easily produced at concentration plants from the commercial "Polinak" polymer by acid or alkaline hydrolysis. The use of 2% aqueous solution of alkali PANG in liquefaction of oxidized Cu-concentrate under industrial conditions, made it possible to replace three liquefying agents by two, and eliminate Cu losses in decantation.(up to 1.5 tons/day). Approximate industrial tests with acid PANG in liquefaction of a cement copper concentrate show that at a yield of the concentrate as high as 12 - 15 tons/day, the addition of 50 - 70 g/ton of flocculant reduces the liquefaction surface by a factor of 8. Alkali PANG increases the efficiency of filters by a factor of 2 - 2.5 in the operation of Cu-concentrate liquefaction; the moisture content

Card 1/2

Industrial prcduction of...

in the cakes is reduced by about 3%. By supplying PANC to the decantation tank of the filter, the efficiency of equipment for filtrating Pb-concentrate pulp can be risen by a factor of 1.5 - 2.

From the summary

[Abstracter's note: Complete translation]

Card 2/2

LEBEDEV, V.V.; ADONIN, A.N.; GABRIYELOV, L.V.

Problems in using gas anchors. Trudy KF VNII no.5:92-104 '61.
(MIRA 14:10)
(Oil wells--Equipment and supplies)

GABRIYELOV, L.V.; SHEVTSOV, A.A.; LITVINOV, A.Ya.; KHIRNYKH, L.A.

Automation of group measuring installations. Neftianik 7 no.4:11-13 Ap '62. (MIRA 15:11)

1. Nachal'nik tsekha avtomatiki neftepromyslovogo upravleniya Abinneft' (for Gabriyelov). 2. Glavnyy inzh. neftepromyslovogo upravleniya Abinneft' (for Shevtsov). 3. Starshiy inzh. promyslovoy gruppy tsekha avtomatiki neftepromyslovogo upravleniya Abinneft' (for Litvinov). 4. Starshiy inzh. gruppy telemekhanizatsii tsekha avtomatiki neftepromyslovogo upravleniya Abinneft' (for Khirnykh).
(Kuban--Petroleum--Measurement)
(Automatic control)

GABRIELOV, V. M.

USSR/Engineering Jun 48
Power Plants, Thermal
Power Plants, Equipment

"The Application of Technoligical Charts to Thermomechanical Plants," A. A. Bernsteyn, V. M. Gabrielov, Engineers, 4 pp

"Elek Stants" Vol XIX, No 6

Treats under: (1) brief explanatory note, (2) sketch of block, (3) rigging system, (4) calculation of time norms and estimates, (5) flow sheets, (6) sketches of appliances, (7) inventory of tool, fixture, and auxiliary-material requirements, (8) in and out work log and (9) accounting files.

PA 32/49T31

8(6) PHASE I BOOK EXPLOITATION SOV/2318

Gabriyelov, Vasiliy Mikhaylovich

Osobennosti montazha oborudovaniya sverkhvysokikh parametrov na Cherepetskoy GRES (Aspects of Installing Equipment of Superhigh Parameters at the Cherepet' State Regional Electric Power Plant) Moscow, Gosenergoizdat, 1957. 30 p. (Series: Iz opyta sovetskoy energetiki) Errata slip inserted. 2,500 copies printed.

Ed.: N.A. Rogovin; Tech. Ed.: K.P. Voronin.

PURPOSE: This book is intended for power-plant personnel.

COVERAGE: The author describes experience gained by the personnel of "Mosenergomontazh" in the assembly and installation of turbines boilers and auxiliary equipment for supercritical pressures and temperatures at the Cherepet' State Regional Electric Power Plant. Special features of the installation and starting of power-plant equipment is described, and data on installation time and labor expenditure are presented. Methods

Card 1/4

of welding high-alloy steam piping, quality control of welding operations, heat treatment of welded joints and the construction of heating equipment are also described. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Card 4/4

JO/jb
10-30-59

GABRIELOVA, L. I.

7

Synthetic flotation agents. A. K. [illegible], L. I. Gabrielova, and N. M. [illegible] [illegible] 25, 195[illegible] Flotation agents are [illegible] residues from hexa[illegible] [illegible] higher fatty or resinous acids [illegible] ing the product with [illegible] chloro[illegible]diethyl ether. These reagents [illegible] and facilitate the flotation of the [illegible]

GABRIYELOVA L.I.

137-58-6-11319

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 9 (USSR)

AUTHORS: Livshits, A.K., Gabriyelova, L.I.

TITLE: Synthetic Flocculants (Sinteticheskiye flokulyanty)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 21, pp 12-17

ABSTRACT: The synthesis and testing of efficient flocculants, made by polymerization and polycondensation, are presented. It is shown that the best of the American flocculants tested is Separan-2610. Slightly inferior to Separan is a product of the condensation of cubic hexamethylenediamine residues, tallol and dichloroethane (KODT), polyacrylic amides, and a copolymer of vinyl alcohol, methylolcrotonamide and polyvinyl alcohol. Products of caustic hydrolysis and polyacrylonitril (PANG-55 and 56) and a product of the condensation of cubic residues of hexamethylenediamine and dichloroethane have good flocculating capacities.

A.Sh.

1. Synthetic floculants--Materials 2. Synthetic flocculants --Production

Card 1/1

GEL'PERIN, N.I.; IDEL'SON, Ye.M.; LIVSHITS, A.K.; ZIL'BERG, V.I.; BORISENKO, A.T.; GABRIYELOVA, L.I.

Improving methods of xanthate production. Report no.1: Preparation of potassium and sodium butyl and theyl xanthates from anhydrous alcoholates. Sbor.nauch.trud.GINSTVETMET no.16:153-169 '59. (MIRA 14:4)

(Xanthic acid) (Alcoholates)

GEL'PERIN, N.I.; IDEL'SON, Ye.M.; LIVSHITS, A.K.; BORISENKO, A.T.; GABRIELOVA, L.I.; ZIL'BERG, V.I.

Improving methods of xanthate production. Report no.2: Preparation of potassium and sodium isobutyl and isoamyl xanthates from practically anhydrous alcoholates. Sbor.nauch.trud.GINTSVETMET no.16:170-179 '59. (MIRA 14:4)

(Xanthic acid) (Alcoholates)

IDEL'SON, Ye.M.; GEL'PERIN, N.I.; LIVSHITS, A.K.; GABRIYELOVA, L.I.

Improving method of xanthate production. Report no.3. Obtaining high-quality xanthates from water-alcohol alkali solutions. Sbor. nauch.trud.GINTSVETMET no.16:180-190 '59. (MIRA 14:4)
(Xanthic acid)

GABRIYELOVA, L.I.; LIVSHITS, A.K.

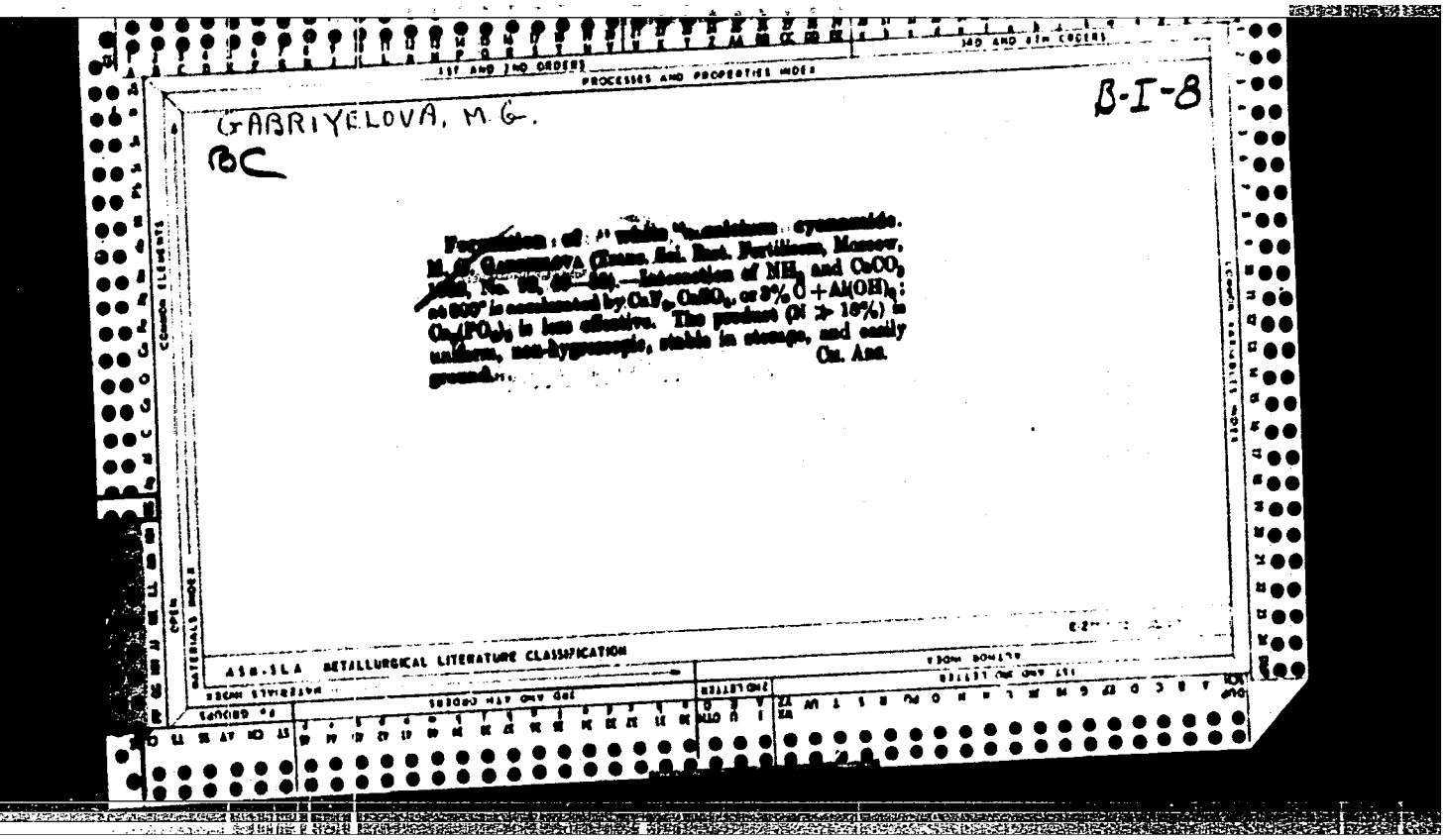
Industrial production of the flocculant PANG and its use in dehydration processes. Sbor. nauch. trud. Gintsvetmeta no.19: 279-283 '62. (MIRA 16:7)

(PANG) (Ore dressing—Equipment and supplies)

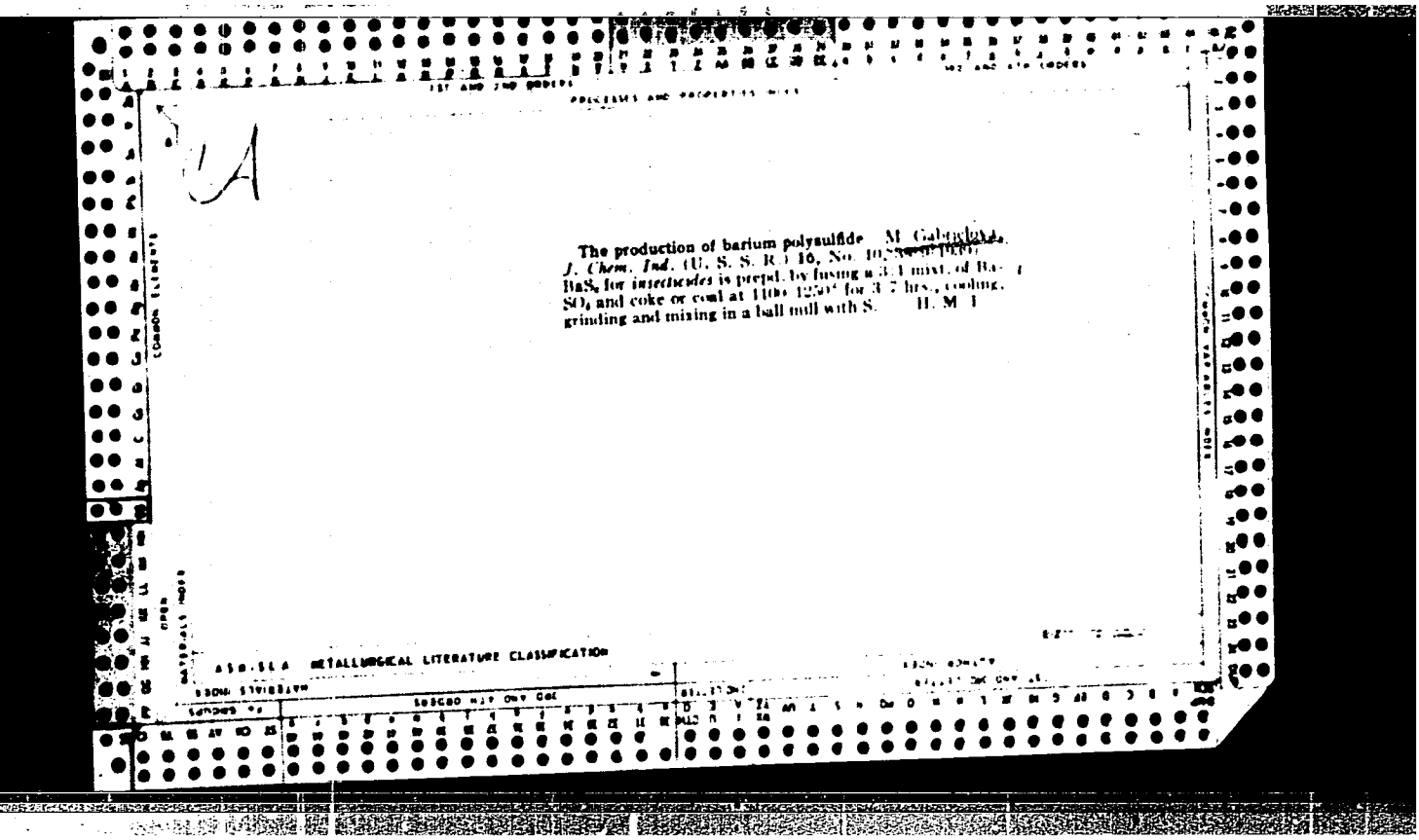
GABRIYELOVA, L.I.; LIVSHITS, A.K.

Using new effective flocculants for thickening in acid and mineralized solutions. TSvet. met. 36 no.3:77-78 Mr '63. (MIRA 16:5)

(Flocculation) (Nonferrous metals--Metallurgy)

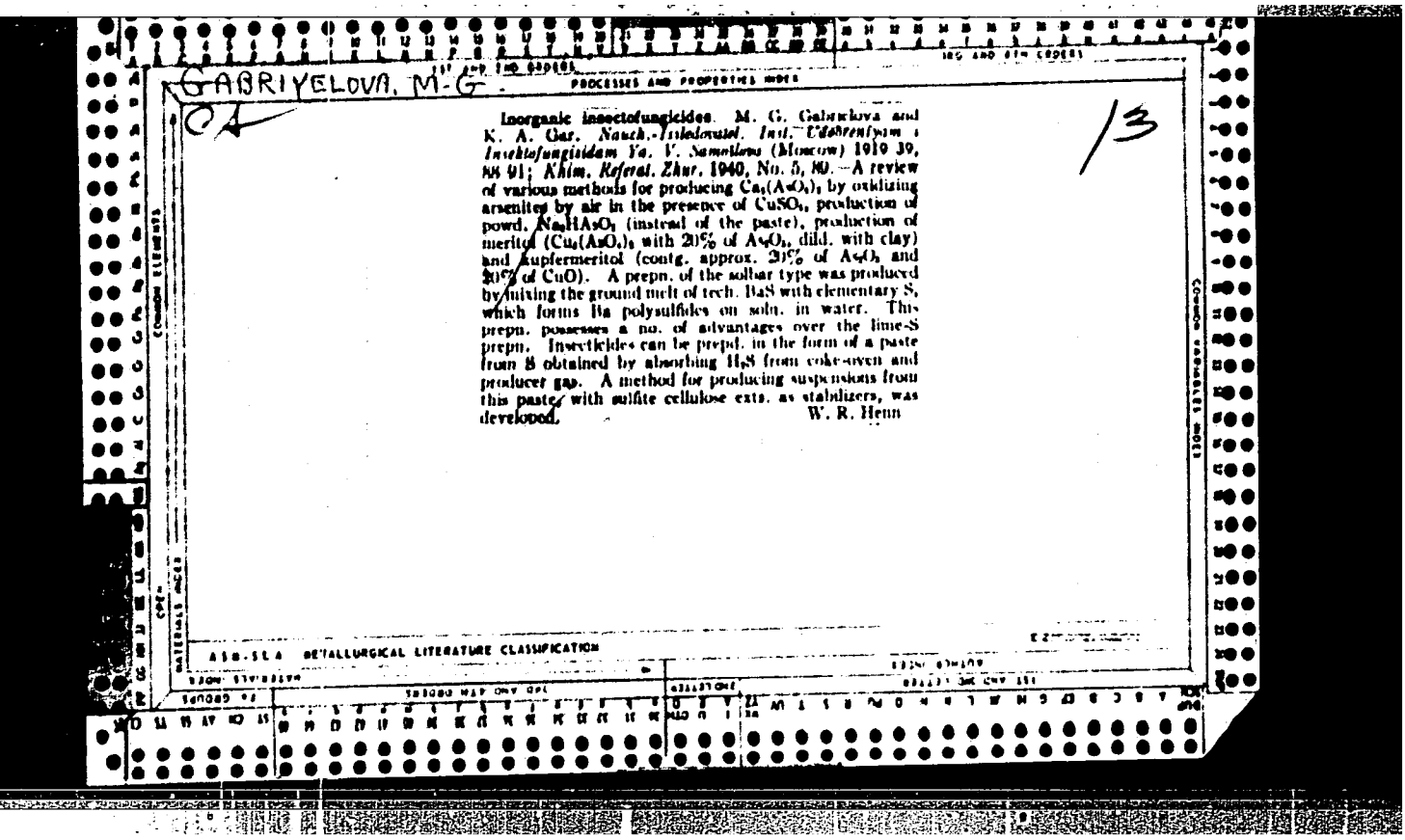


Spectroscopic determination of carbon monoxide in minute concentrations. D. A. Epshtein and M. G. Gabrielova. *Zavodskaya Lab.* 2, No. 4, 20-1(1933); cf. Kagan, C. A. 29, 7019.—The method of Nichols (C. A. 17, 3008), applied to the spectroscopic detn. of CO in concns. of 0.004-0.005% in gas mixts. for the production of synthetic NH_3, produced good results. **Spectroscopic method of determining carbon monoxide.** S. L. Kagan and A. V. Pamfilov. *Ibid.* 3, 776-7(1934).—The above procedure was found unsatisfactory. Chas. Blanc



The production of barium polysulfide M. Gabrielyan. *J. Chem. Ind.* (U. S. S. R.) 16, No. 10, [illegible] (1939). BaS_x for *insecticides* is prepd. by fusing a 3:1 mixt. of Ba[illegible] SO_4 and coke or coal at 1100–1250° for 3–7 hrs., cooling, grinding and mixing in a ball mill with S. H. M. T.

A50-51A METALLURGICAL LITERATURE CLASSIFICATION



GABRIYELOVA, M-G

CA

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PROCESSES AND PROPERTIES INDEX

Inorganic insectofungicides. M. G. Gabrielova and K. A. Gar. *Nauch.-Issledovatel. Inst. Udobrenii i Insektofungitsidov Ya. V. Samoilova* (Moscow) 1939 39, 88 91; *Khim. Referat. Zhur.* 1940, No. 5, 80.—A review of various methods for producing $Ca_3(AsO_4)_2$ by oxidizing arsenites by air in the presence of $CuSO_4$, production of powd. Na_2HAsO_4 (instead of the paste), production of meritol ($Cu_3(AsO_4)_2$ with 20% of As_2O_3, dild. with clay) and kupfermeritol (contg. approx. 20% of As_2O_3 and 20% of CuO). A prepn. of the sulfur type was produced by fusing the ground melt of tech. BaS with elementary S, which forms Ba polysulfides on soln. in water. This prepn. possesses a no. of advantages over the lime-S prepn. Insecticides can be prepd. in the form of a paste from S obtained by absorbing H_2S from coke-oven and producer gas. A method for producing suspensions from this paste with sulfite cellulose exts. as stabilizers, was developed.

W. R. Henn

A58-5L4 METALLURGICAL LITERATURE CLASSIFICATION

GABRIYELOVA, M. G.

"The Use of 'Gas Sulfur' Paste in Agriculture," M. G. Gabriyelova, and M. S. Limonik, Coke and Chem (USSR) XI, No 3, pp 31-3(1941); Chem Zentr 1943, I, pp 994 (SEE: Inst. Insect/Fung. in Ya. V. Samoylov)

SO: U-237/49, 8 April 1949

GABRIYELOVA, M. G.

USSR/Medicine - Insecticides Nov 47
Medicine - Agriculture

"Development of the Agricultural Insecticide Industry in Thirty Years," V. I. Orlov, Cand Tech Sci, K. A. Gar, Cand Agr Sci, M. G. Gabriyelova, Cand Tech Sci, 3½ pp

"Khimicheskaya Promyshlennost'" No 11

Historical account of development in the insecticide industry. Persons important in chemical research work in insecticides are listed and some examples are presented of the technological progress and development of insecticide products.

PA 34T48

Dept. Insecticides & Fungicides, Sci. Inst. Fertilizers and Insecto-Fungicides im. Ya. V. Samoylov

GABRIYELOVA, M. G.

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Calcium fluoride and hydrogen fluoride from fluosilicic acid. S. I. Vol'fkovich and M. G. Gabrielova. *J. Appl. Chem. U.S.S.R.* 25, 381–5(1952)(Engl. translation); *Zhur. Prikład. Khim.* 25, 345–9(1932).—SiF_4 from the manuf. of superphosphates is absorbed in H_2O to form H_2SiF_6 and SiO_2, H_2SiF_6 is neutralized with CaO or $CaCO_3$, and the $CaSiF_6$ is converted to CaF_2 and SiO_2. The most favorable conditions for the complete binding of the CaO during pptn. are: (1) a $CaO:H_2SiF_6$ ratio of 2.5 and a concn. of 1.2–4.5% $CaSiF_6$ in the liquid phase, (2) a concn. of the initial H_2SiF_6 between 8 and 14%, (3) a finely ground chalk or limestone or freshly burnt lime, (4) heating the reaction mixt. to 70–80° with continuous stirring for 2–3 hrs. The pptd. CaF_2 is dried at 110–130°. The rate of filtration of the ppt. increases as the pH increases. The product from H_2SiF_6 and $CaCO_3$ under the optimum conditions contained CaF_2 62–66, $CaCO_3$ 2–12, SiO_2 19–33, and sesquioxide not in excess of 0.4%. The CaF_2 was a fine white cryst. powder with nearly spherical crystals 2–5 μ in diam. CaF_2 can also be prepd. from the thermal decompn. of $CaSiF_6$ at 380–400° into CaF_2 and gaseous SiF_4. The optimum conditions for the isolation of cryst. $CaSiF_6.2H_2O$ from aq. soln. are: (1) a $CaO:H_2SiF_6$ ratio of 0.97; (2) a H_2SiF_6 concn. not lower than 10%; (3) careful stirring until the residual concn. of free H_2SiF_6 is not less than 0.5%. The bulk of the $CaSiF_6$ ppts.; the remaining 12–15% $CaSiF_6.2H_2O$ in the filtrate can be obtained by evapn. $CaSiF_6.2H_2O$ loses its water of crystn. upon heating above 140°. Yields of 91.6–94.5% CaF_2 were obtained by this method, the impurities being

over

3-5% CaO, 2-3% SiO_2, and about 1% sesquioxides. Artificially prepd. 64–68% CaF_2 is recommended as a substitute for natural fluorospar in the production of cement and glass. High-grade CaF_2 from the thermal decompn. of $CaSiF_6$ is recommended for the production of HF by reaction with H_2SO_4. $CaSiF_6$ is recommended as a wood fungicide.

George L. Jones, Jr.

GABRIYELOVA, M.G.; MOROZOVA, M.A.

[Manufacture of poisonous chemicals] Proizvodstvo iadokhimikatov. Moskva, Gos. nauchno-tekh. izd-vo khim. lit-ry, 1953. 215 p.
(MLRA 7:4)
(Poisons)

VOL'FKOVICH, S.I., akademik; GLADYSHEVA, T.Kh.; GABRIYELOVA, M.G., kand. tekhn. nauk

Treating concretes and lime-silicate materials with silicon tetrafluoride. Stroi.mat. 5 no.3:31-33 Mr '59. (MIRA 12:5)

(Silica) (Lightweight concrete)

GABRIYELOVA, M.G.

Method of preparation of high-grade finely dispersed calcium fluoride as a heat-resistant filler for special rubbers. Zhur. VKHO 6 no.352-353 '61. (MIRA 14:6)

1. Nauchno-issledovatel'skiy institut po udobreniyam i insektofungitsidam.
(Calcium fluoride) (Rubber, Synthetic)

GABRIYELOVA, M.G.; LEVIN, V.F.

Active white filler from superphosphate production wastes. Khim. prom. no.6:433 Je '61. (MIRA 14:6)
(Phosphates) (Fillers)

GABRIYELOVA, M.G.; LEVIN, V.F.; SUBBOTINA, O.P.

Ways of utilizing silica gel of superphosphate plants. Khim. prom. no.6:417-419 Je '63. (MIRA 16:8)

(Silica) (Phosphates)

GABRIYELOVA, Lariana Grigor'yevna; MOROZOVA, Mariya Aleksandrovna; PATMANSKIY, M.N., red.; AVDEYEVA, N.G., red.

[Production of inorganic toxic chemicals] Proizvodstvo neorganicheskikh iadokhimikatov. Izd. 2., perer. i dop. Moskva, Khimiia, 1964. 326 p. (MIRA 17:9)

GABRIYELOVA, M.G.; SEMENOV, A.N.; PARYLIS, E. Ya.; NIKITASH, V.G.

Separation of fluorine in the production of double superphosphates.
Khim. prom. 41 no. 12:924-925 D '65 (MIRA 19:1)

L 44769-66 EWT(d)/EWT(m)/EWP(k)/EWP(t)/ETI/EWP(l) IJP(c) JD/JW/WB

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AUTHOR: Gabriyelova, M. G.; Semenov, A. N.; Nikitash, V. G.

ORG: none

TITLE: A new method for defluorination of phosphoric acid

SOURCE: Khimicheskaya promyshlennost', no. 9, 1966, 63-64

TOPIC TAGS: phosphoric acid, defluorination, sodium fluosilicate

ABSTRACT: A new method for defluorination of raw phosphoric acid has been introduced at the Krasnoural'sk Copper Combine. The method differs from the conventional removal of volatile fluorine compounds which involves evaporation at the acid concentration stage by the precipitation of sodium fluosilicate with soda-sodium sulfate solution prior to the concentration operation. The soda-sodium sulfate solution (which also contains Al_2O_3, Fe_2O_3, NaCl, SiO_2, etc.) is obtained as a by-product in the manufacture of aluminum and contains approximately 7% Na_2CO_3 and approximately 15% Na_2SO_4. Stoichiometric quantities of this solution are added to the raw phosphoric acid at 60—65C. The precipitated Na_2SiF_6 is separated by settling and filtering or centrifuging. The sediment is washed twice with water; the washing liquids are recirculated by adding them to the defluorinated acid (wash I) and to the soda-sulfate solution (wash II). The precipitation removes 75—80% of total fluorine from the raw acid; the residual fluorine content depends on the solubility of Na_2SiF_6 in the given

Card 1/2 UDC: 66/067.661.634.2-963.546.16

GABRIELYAN, A. A.

"On the Stratigraphy of the Tertiary Deposits of Armenia," Dokl. AN SSSR, 32, No.6, 1941

Geological Prospecting Inst., Moscow

GABRIELYAN, A. A.

"A Contribution to the History of the Tectonic Development of Armenia During the Tertiary," Dokl. AN SSSR, 53, No.2, 1946

Yerevan State University

GABRIYELYAN, A.A.; ASRATYAN, V.P.; ASATRYAN, A.A.

Geomorphology of the western Vayk (Daralages) [in Armenian with summaries in Russian and English]. Izv.AN Arm.SSR.Est.nauki no.1: 37-46 '47. (MLRA 9:8)

(Daralages Range--Physical geography)

VARDANYANTS, L.A.; GABRIYELYAN, A.A.

Sanidine trachyte near the village of Elpin in the Armenian S.S.R.
Dokl.AN Arm.SSR 6 no.2:51-54 '47. (MLRA 9:8)

1. Chlen-korrespondent AN Armyanskoy SSR (for Vardanyants).
2. Geologicheskiy institut Akademii nauk Armyanskoy SSR, Yerevan.
(Armenia--Rocks, Igneous)

RADOPULO, L.M.; GABRIYELYAN, A.A.

Age of the intrusion near the village of Tashlu in the Vedi District of the Armenian S.S.R. Izv.AN Arm.SSR.Ser.FMET nauk 1 no.1:21-23 '48. (MLRA 9:8)

1. Institut geologicheskikh nauk Akademii nauk Armyanskoy SSR.
(Vedi District--Rocks, Igneous)

GABRIYELYAN, A.A.

Stratigraphic position and age of the dolerite basalts of the Erivan region. Dokl. AN Arm. SSR 9 no.1:27-31 '48. (MLRA 9:10)

1. Institut geologicheskikh nauk Akademii nauk Armyanskoy SSR, Yerevan. Predstavleno A.L. Takhtadzhayanom.
(Erivan—Basalt)

GABRIYELYAN, A.A.

Tectonics of the Ararat Hollow. Dokl. AN Arm. SSR 9 no.3:117-121 '48. (MLRA 9:10)

1. Institut geologicheskikh nauk Akademii nauk Armyanskoy SSR, Yerevan. Predstavleno L.A. Vardanyantsem.
(Ararat region--Geology, Structural)

GABRIELYAN, A. A.

"The Increase of Layers with Variamussium Korobkov in Armenia," Dokl. AN, 66, No.4, 1949

Inst. Geology, AS USSR

GABRIYELYAN, A.A.

Armenia in the Tertiary period. Geol.shor. [Lvov] no.1:136-147 '54. (MLRA 10:1)

1. Gosuniversitet imeni V.M.Molotova, Yerevan.
(Armenia--Geology, Stratigraphic)

GABRIYELYAN, A.A.; ISAKHANYAN, D.P.; ADAMYAN, A.I.; BAL'YAN, S.P.

Stratigraphy of upper Tertiary volcanogenous strata of the Karabakh Upland. Nauch.trudy Erev.un. 52:3-23 '55. (MLRA 9:9)

1. Kafedra istoricheskoy geologii i paleontologii.
(Karabakh Upland--Geology, Stratigraphic)

GABRIELYAN, A.A.

Subdivision system for the Paleogene in Armenia. Dokl. AN SSSR 105 no.4:790-793 D '55. (MLRA 9:3)

1. Yerevanskiy gosudarstvennyy universitet imeni V.M. Molotova. Predstavleno akademikom N.M. Strakhovym.
(Armenia--Geology, Stratigraphic)

GABRIYELYAN, A.A.

Stages and types of structural development in Armenia and the corresponding rock formations. Izv.AN Arm.SSR Ser FMGT 9 no.2: 39-71 '56. (MLRA 9:8)

1. Yerevanskiy gosudarstvennyy universitet imeni V.M. Molotova. (Armenia--Geology, Structural)

GABRIYELYAN, A.A.

Tectonics of the central Aras Valley. Izv.vys.ucheb.zav.; geol. i razv. 1 no.11:3-8 N '58. (MIRA 12:11)

1. Yerevanskiy gosudarstvennyy universitet.
(Aras Valley--Geology, Structural)

GABRIYELYAN, A.A.

Correlation of cross sections of Tertiary sediments in Armenia and adjacent areas in the Lesser Caucasus. Izv. AN Arm. SSR. Ser. geol. i geog. nauk 11 no.2:3-16 '58. (MIRA 11:9)

1.Institut geologicheskikh nauk AN ArmSSR.
(Caucasus--Geology, Stratigraphic)

GABRIYELYAN, A.A.; TAKHTADZHYAN, A.L.; SARKISYAN, O.A.

Age of the coal-shale series in the vicinity of the city of Dilizhan. Dokl.AN Arm.SSR 26 no.3:181-186 '58.
(MIRA 12:10)

1. Chlen-korrespondent AN Armyanskoy SSR (for Takhtadzhyan, Sarkisyan). 2. Yerevanskiy gosudarstvennyy universitet.
(Akatev Valley--Geology, Stratigraphic)

GABRIYELYAN, A.A.

New data on tectonics in the central Aras depression. Dokl. AN Arm. SSR 26 no.5:303-308 '58. (MIRA 11:7)

1.Chlen-korrespondent AN ArmSSR. Institut geologicheskikh nauk AN ArmSSR.

(Ararat region--Geology, Structural)

GABRIYELYAN, A.A.

The age of ancient conglomerates of Armenia and the lower limit of the Quaternary period. Dokl. AN Arm. SSR 27 no.2:117-123 '58. (MIRA 11:10)

1. Yerevanskiy gosudarstvennyy universitet. Chlen-korrespondent AN Armyanskoy SSR.
(Armenia--Conglomerate)

GABRIYELYAN, Arshaluys Ambartsumovich; KHAIN, V.Ye., retsenzent; MILANOVSKIY, Ye.Ye., retsenzent; ASLANYAN, A.T., retsenzent; MAGAK'YAN, I.G., otv.red.; SHTIBEN, R.A., red.izd-va; AZIZBEKYAN, L.A., tekhn.red.

[Basic problems relative to the tectonics of Armenia] Osnovnye voprosy tektoniki Armenii. Erevan, Izd-vo Akad.nauk Armianskoi SSR, 1959. 184 p. (MIRA 12:10)
(Armenia--Geology, Structural)

MAZAK'YAN, Ivan Georgiyevich; GABRIYELYAN, A.A., otv.red.; SHTIBEN, R.A., red.izd-va; AZIZBEKYAN, L.A., tekhn.red.

[Principles of metallogeny of continents] Osnovy metallogenii materikov. Erevan, Izd-vo AN Armianskoi SSR, 1959. 278 p.
[___Metallogenetic map of the world made on a 1:22000000 scale] ___Metallogenicheskaia karta mira. Masshtab 1:22000000. (MIRA 13:1)

(Ore deposits)

GABRIYELYAN, A.A.; GABUNIYA, L.K.

Discovery of mastodon remains in the variegated series of the Nakhichevan A.S.S.R. Dokl. AN Arm. SSR 28 no.4:187-189 '59.
(MIRA 12:11)

1. Chlen-korrespondent AN ArmSSR (for Gabriyelyan). 2. Institut geologicheskikh nauk AN ArmSSR (for Gabriyelyan). 3. Institut paleobiologii AN GruzSSR (for Gabuniyan).
(Nakhichevan A.S.S.R.--Mastodon)

GABRIYELYAN, A.A

Effusive volcanism and tectonics. Izv. AN Arm. SSR. Geol. i geog. nauki 13 no.1:25-41 '60. (MIRA 13:9)

1. Institut geologicheskikh nauk AN Armyanskoy SSR.
(Caucasus--Volcanoes) (Geology, Structural)

GABRIYELYAN, A.A.; NAZARYAN, A.Ye.

Recent data on the age of Miocene sediments in the vicinity of Razdan (Armenia). Dokl.AN Arm.SSR 31 no.3:167-170 '60. (MIRA 13:12)

1. Yerevanskiy gosudarstvennyy universitet. 2. Chlen-korrespondent AN Armyanskoy SSR (for Gabriyelyan).
(Razdan Region--Geology, Stratigraphic)
(Geological time)

GABRIYELYAN, A.A.

Tectonic regionalization of the "Anticaucasus" (Lesser Caucasus) and its place in the system of the Alpine orogen of the southern U.S.S.R. and adjacent countries. Izv. AN Arm.SSR.Geol.i geog.nauki 14 no.4:7-22 '61. (MIRA 14:9)

1. Institut geologicheskikh nauk AN Armyanskoy SSR.
(Caucasus--Geology, Structural)

GABRIYELYAN, A.A.

Intrusive volcanism and tectonics (exemplified by the Armenian S.S.R.). Dokl. AN Arm. SSR 33 no.2:57-60 '61. (MIRA 14:10)

1. Yerevanskiy gosudarstvennyy universitet. Chlen-korrespondent AN Armyanskoy SSR.
(Armenia—Geology, Structural)

MKRTCHYAN, S.S., akademik, glav. red.; VARDANYANTS, L.A., red.; GABRIYELYAN, A.A., red.; MAGAK'YAN, I.G., akademik, red.; PAFFENGOL'TS, K.N., akademik, red.; DUMITRASHKO, N.V., doktor geogr. nauk, otv. red.; BAGDASARYAN, A.G., doktor geogr. nauk, red.; BAL'YAN, S.P., kand. geogr. nauk, red.; ZOGRABYAN, L.N., kand. geogr. naukKHACHATRYAN, E.A., red. izd-va; KAPLANYAN, M.A., tekhn. red.

[Geology of the Armenian S.S.R.]Geologiia Armainskoi SSR. Glav.red.S.S.Mkrtchian (glav.red.) i dr. Erevan, Izd-vo AN Armianskoi SSR. Vol.1. [Geomorphology]Geomorfologiia. 1962. 430 p. map. (MIRA 15:10)

1. Akademiya nauk Armyanskoy SSR, Erivan. Institut geologicheskikh nauk. 2. Akademiya nauk Armyanskoy SSR (for Mkrtchyan, Magak'yan, Paffengol'ts). 3. Chlen-korrespondent Akademii nauk Armyanskoy SSR (for Vardanyants, Gabriyelyan). (Armenia--Geomorphology)

GABRIYELYAN, A.A.

Nummulitidae of the Armenian S.S.R. and the delineation of the Paleogene stages. Izv.AN Arm.SSR. Geol.i geog.nauki 15 no.5:3-17 '62. (MIRA 15:10)

1. Yerevanskiy gosudarstvennyy universitet.
(Armenia—Nummulitidae, Fossil)
(Armenia—Geology, Stratigraphic)

GABRIYELYAN, A.A.; GRIGORYAN, S.M.; SAAKYAN, N.A.

Recent data on the age of strata containing Variamussium fallax Korobkov and Pecten arcuatus Brocchi. Dokl. AN Arm. SSR 35 no.3:135-140 '62. (MIRA 16:6)

1. Institut geologicheskikh nauk AN Armyanskoy SSR. 2. Chlen-korrespondent AN Armyanskoy SSR (for Gabriyelyan).
(Armenia--Geology, Stratigraphic)

GABRIYELYAN, A.A.

Recent tectonics and seismicity in the Armenian S.S.R. and the adjacent parts of the "Anticaucasus." Izv. AN Arm.SSR. i Geol.i geog.nauki 16 no.4/5:63-75 '63.

Second All-Union Conference on Tectonics and the Problems of Tectonic Studies in the Armenian S.S.R. Ibid.:179-183 (MIRA 16:12)

1. Yerevanskiy gosudarstvennyy universitet.

GABRIYELYAN, Arshaluys Ambartsumovich; SARKISYAN, O.A., otv. red.

[Paleogene and Neogene of the Armenian S.S.R.; stratigraphy, tectonics, history of geological development] Paleogen i neogen Armianskoi SSR; stratigrafiia, tektonika, istoriia geologicheskogo razvitiia. Erevan, Izdvo AN Arm.SSR, 1964. 298 p. (MIRA 17:9)

MKRTCHYAN, S.S., akademik, glav. red.; VARDANYANTS, L.A., red.; GABRIYELYAN, A.A., red.; MAGAK'YAN, I.G., akademik, red.; PAFFENGOL'TS, K.N., akademik, red.; AZARYAN, N.R., kand. geol.-miner. nauk, red.; AKOPYAN, V.T., kand. geol.-miner. nauk, red.; ARAKELYAN, R.A., kand. geol.-miner. nauk, red.; MESROPYAN, A.I., kand. geol.-min. nauk, red.[deceased]

[Geology of the Armenian S.S.R.] Geologiia Armianskoi SSR. Izd-vo AN Arm.SSR. Vol. 2. [Stratigraphy] Stratigrafiia. 1964. 432 p. (MIRA 17:7)

1. Akademiya nauk Armyanskoy SSR, Erivan. Institut geologicheskikh nauk. 2. AN Armyanskoy SSR (for Mkrtchyan, Magak'yan, Paffengol'ts). 3. Chlen-korrespondent AN Armyanskoy SSR (for Vardanyants, Gabriyelyan).

GABRIYELYAN, A.A.; KOROBKOV, I.A.; MIRONOVA, L.V.

Review of A.K. Alekseev's book "Paleogene mollusk fauna in the Northern Ural Mountain region." Izv. AN Arm. SSR. Nauki o zem. 7 no.1:63-69 '64. (MIRA 17:6)

1. Yerevanskiy gosudarstvennyy universitet, Leningradskiy gosudarstvennyy universitet i Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.

GABRIYELYAN, A.A.; GRIGORYAN, S.M.

New data on the age of the Eocene limestone series of the Lake Sevan basin. Dokl. AN Arm. SSR 39 no.5:303-304 '64

(MIRA 18:2)

1. Yerevanskiy gosudarstvennyy universitet i Institut geologicheskikh nauk AN ArmSSR. 2. Chlen-korrespondent AN ArmSSR (for Gabriyelyan).
Submitted May 10, 1964.

GABRIYELYAN, A.A.

Relationship between igneous rock activity and tectonics. Izv. AN Arm. SSSR. Nauki o zem. 17 no.5:3-13 '64. (MIRA 17:10)

1. Yerevanskiy gosudarstvennyy universitet.

GABRIYELYAN, L.Ch., kand.

Evaluating the power capacity of crank presses. Mashinostroenie no.4 p65-66 Jl-Ag '64. (MIRA 17:10)